



102001-000000000000000000

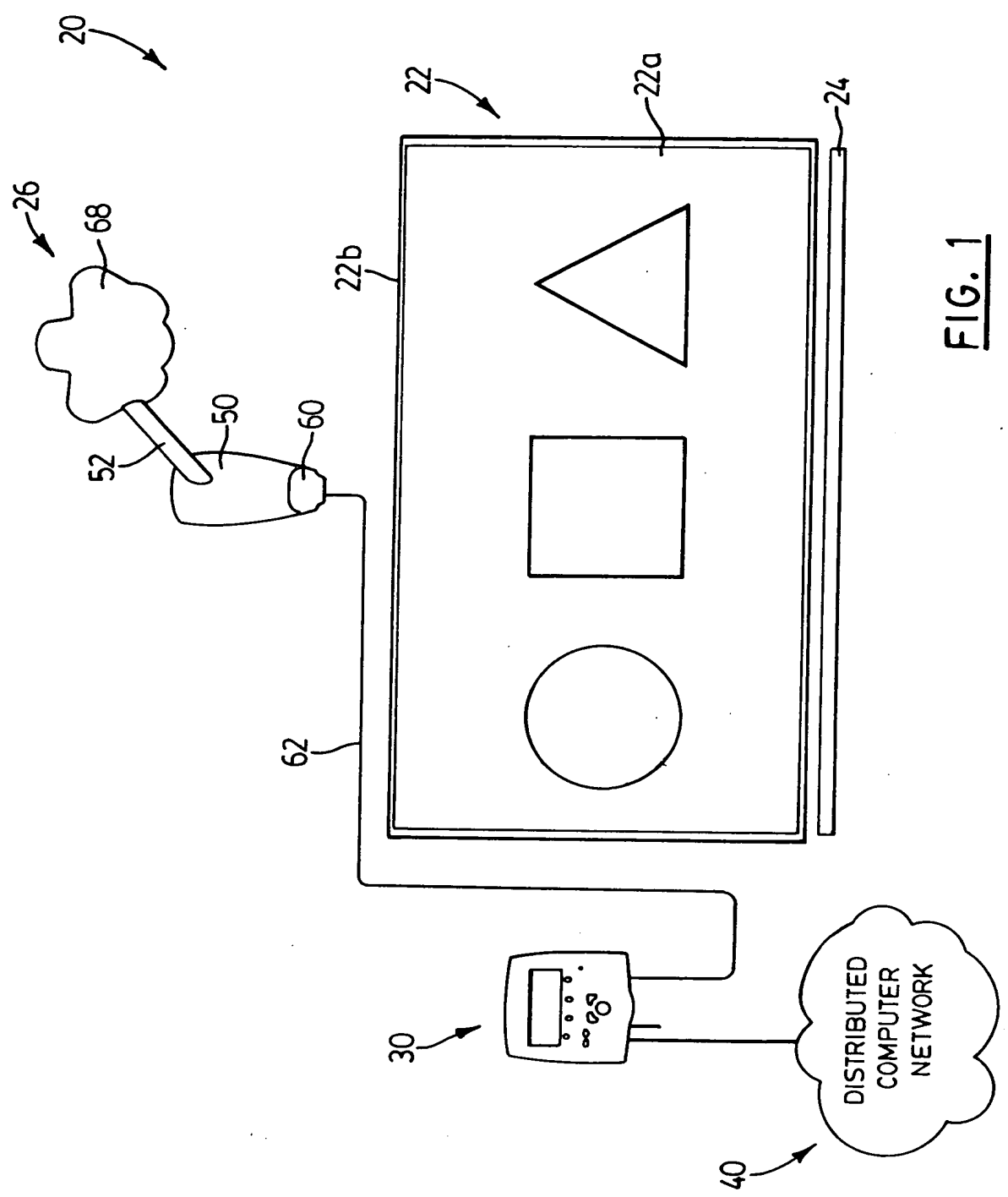


FIG. 1

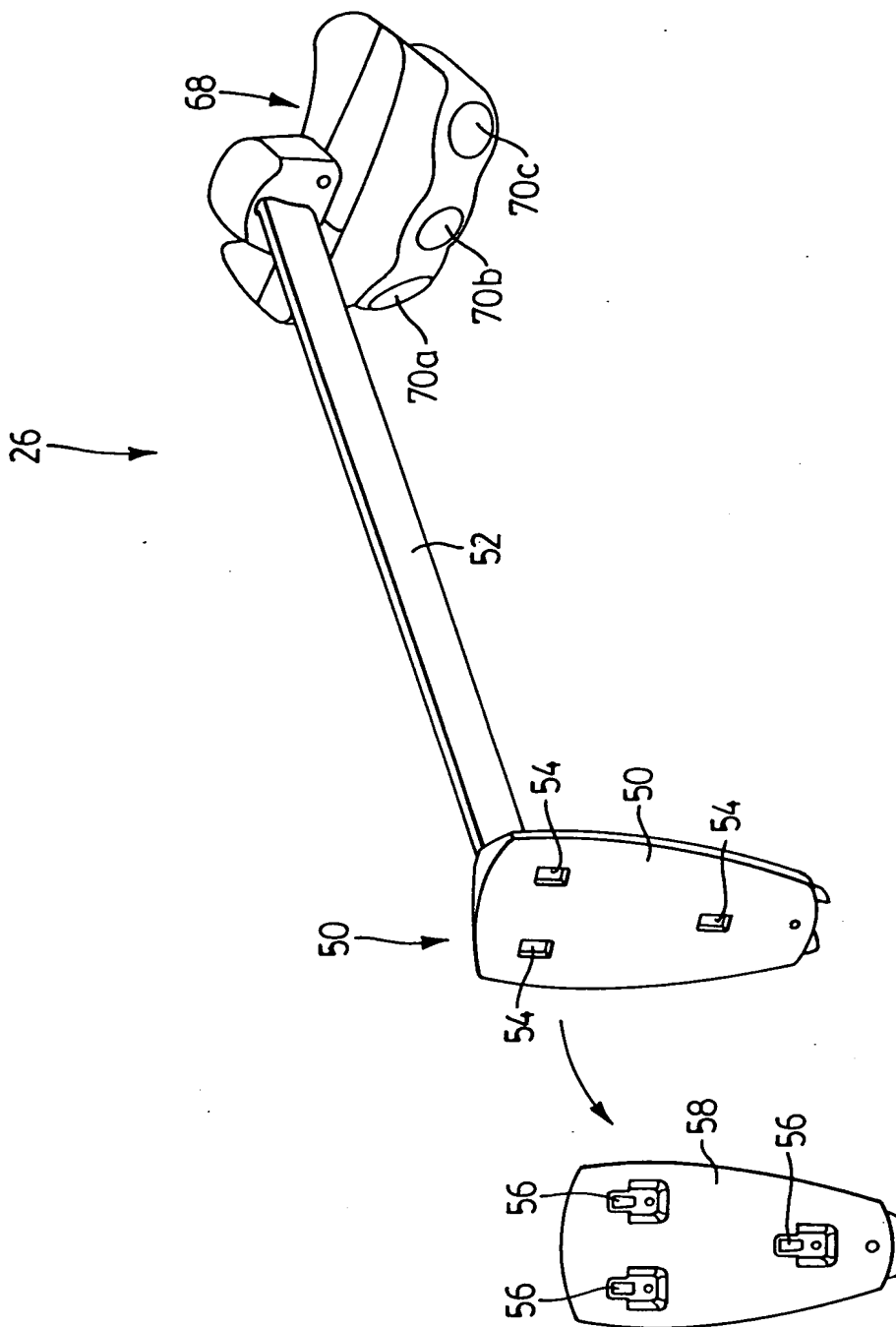


FIG. 2

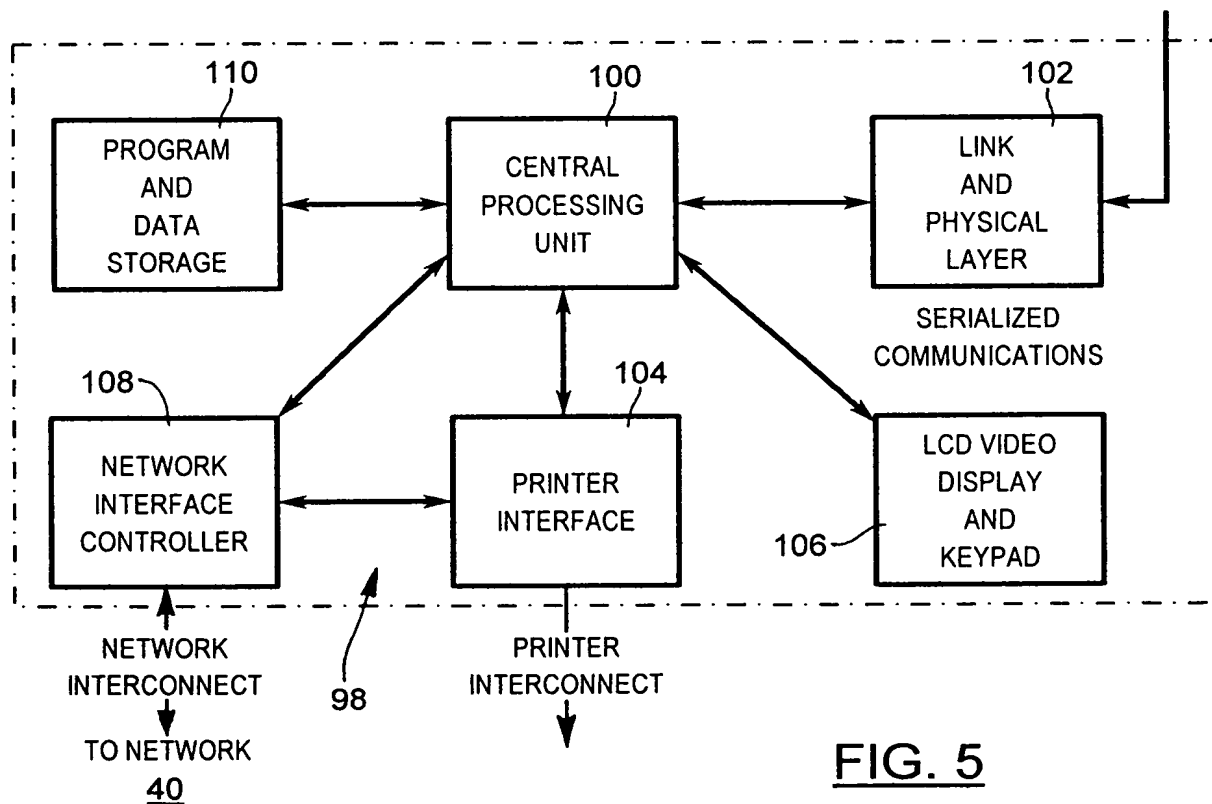
FIG. 3 is a block diagram illustrating a system architecture, likely for a video or image processing system. The system is divided into three parallel processing paths, labeled 70a, 70b, and 70c, which are enclosed in a dashed box.

Each path (70a, 70b, 70c) consists of the following components in sequence:

- LENS SYSTEM (72):** Receives input from a camera or sensor.
- IMAGE SENSOR (74):** Captures the image data.
- DIGITAL SIGNAL PROCESSOR (76):** Processes the image data.
- LINK AND PHYSICAL LAYERS:** Transmits the processed data.

The output of the DIGITAL SIGNAL PROCESSOR (76) in each path is connected to a common output bus, which is labeled **SERIALIZED COMMUNICATIONS**. The output of the LINK AND PHYSICAL LAYERS is also connected to this common output bus.

Below the dashed box, the components are labeled with their respective names: LENS SYSTEM, IMAGE SENSOR, IMAGE DATA STREAM, DIGITAL IMAGE PROCESSING AND CONTROL, PROCESSED IMAGE, and SERIALIZED COMMUNICATIONS.



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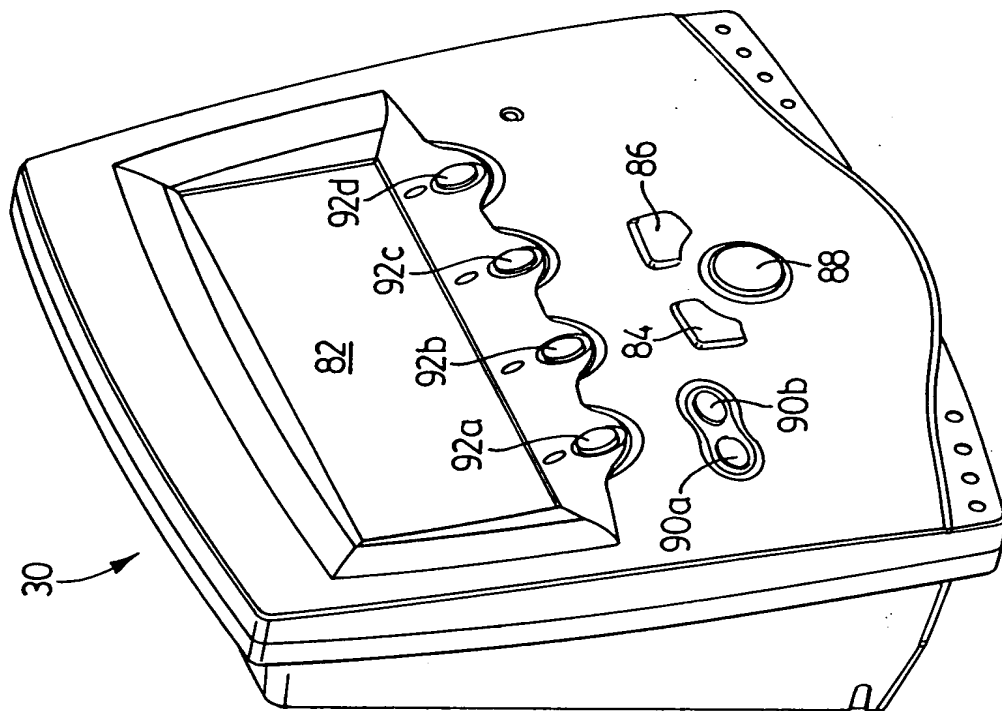


FIG. 4b

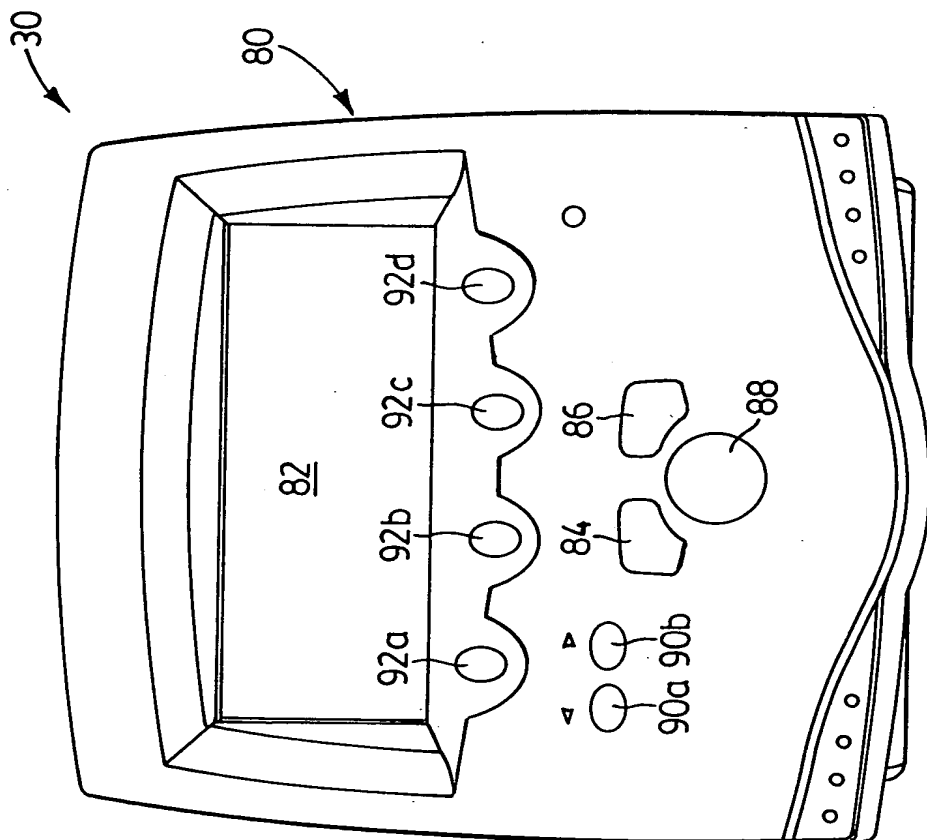


FIG. 4a

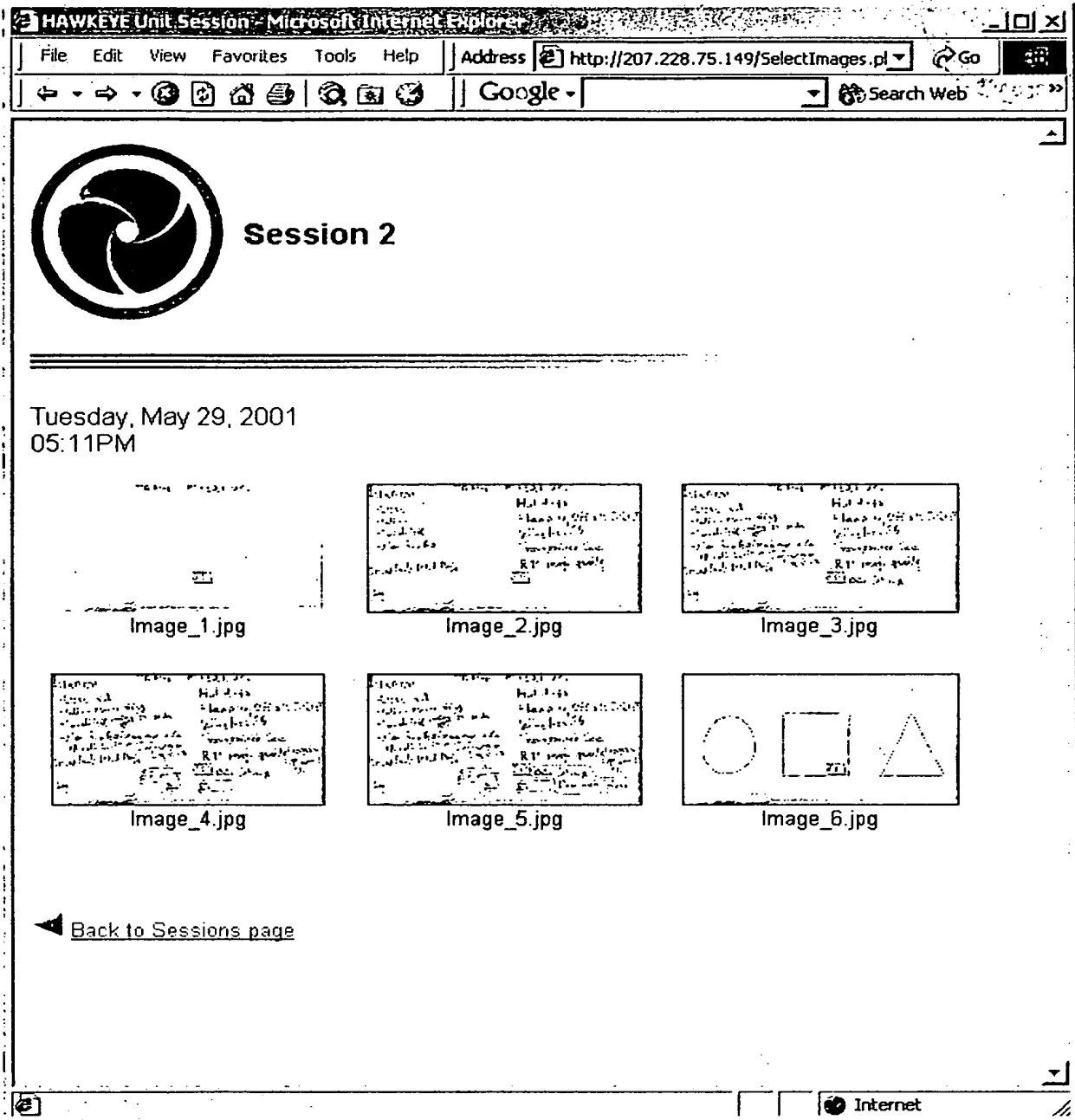


FIG. 6a

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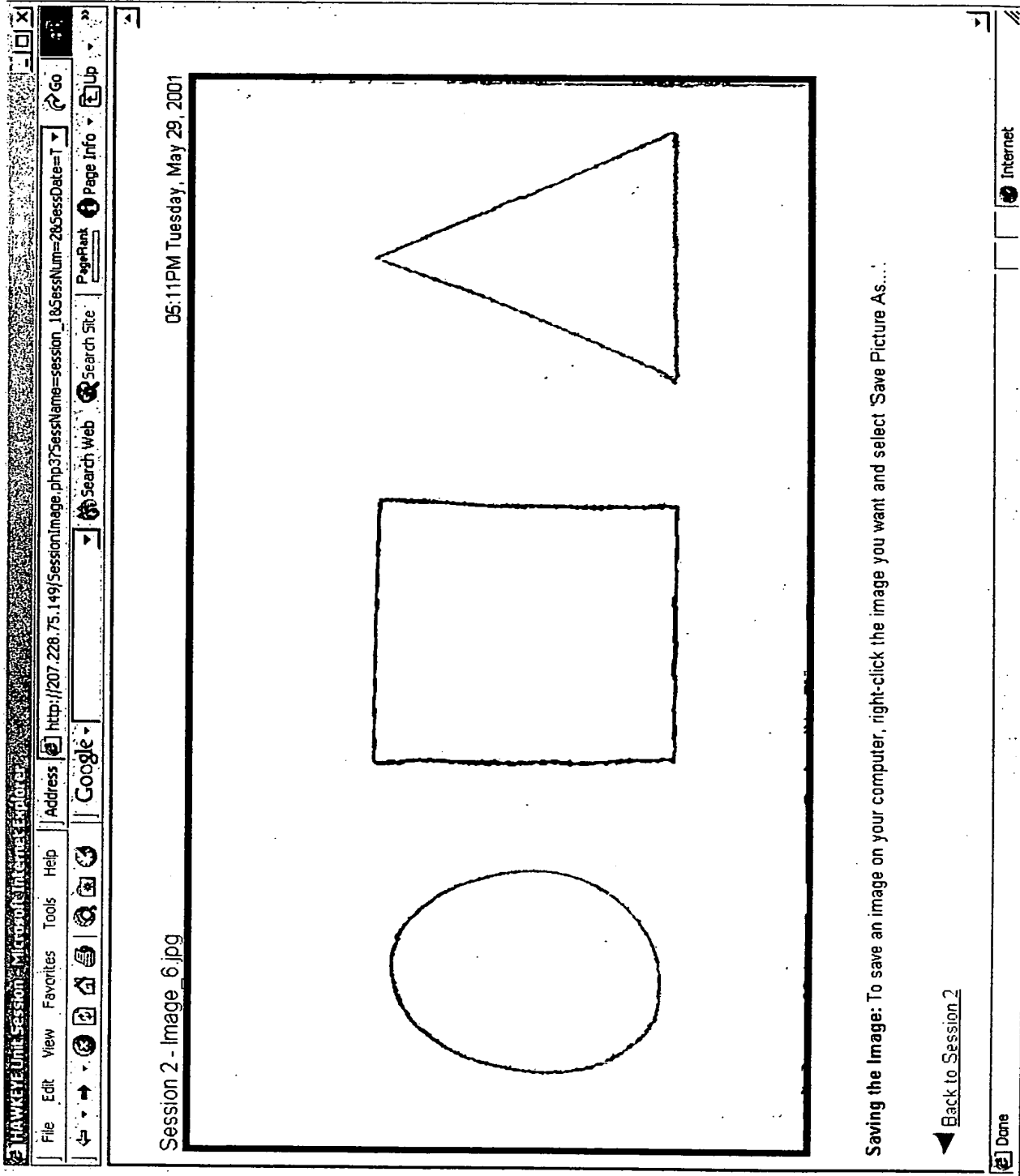


FIG. 6b


1022001" 0E29/2060

HAWKEYE Unit Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://207.228.75.149/config/> Go

Google Search Web



Configuration

Please choose one of the following:

- [Add/Remove Frame in Captured Images](#)
- [Change Admin Password](#)
- [Configure Time/Date](#)
- [Configure Sessions Page Password](#)
- [Configure Image-Saving Software](#)
- [Configure Network](#)
- [Configure Network Printer](#)
- [Update Firmware](#)
- [View Temperature](#)

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Internet

FIG. 7a

102001 DE29Z000

HAWKEYE Unit Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help Address http://207.228.75.149/config/net_1 Go Search Web

 **Configure Network**

To configure the network settings of this Control Unit, fill out the following form and click the Submit Configuration button.

WARNING: This operation will erase all of the images currently stored on the Control Unit. Please make sure all of the images you want to keep have been saved before proceeding.

Host Name:

Network Type: ☐ DHCP ☒ Static IP

IP Address:

Netmask:

Gateway:
(leave blank for none)

DNS Server:

WINS Server:

[Back to Configuration page](#)

Done Internet

FIG. 7b

TOP SECRET - CONFIDENTIAL

TOP SECRET - CONFIDENTIAL

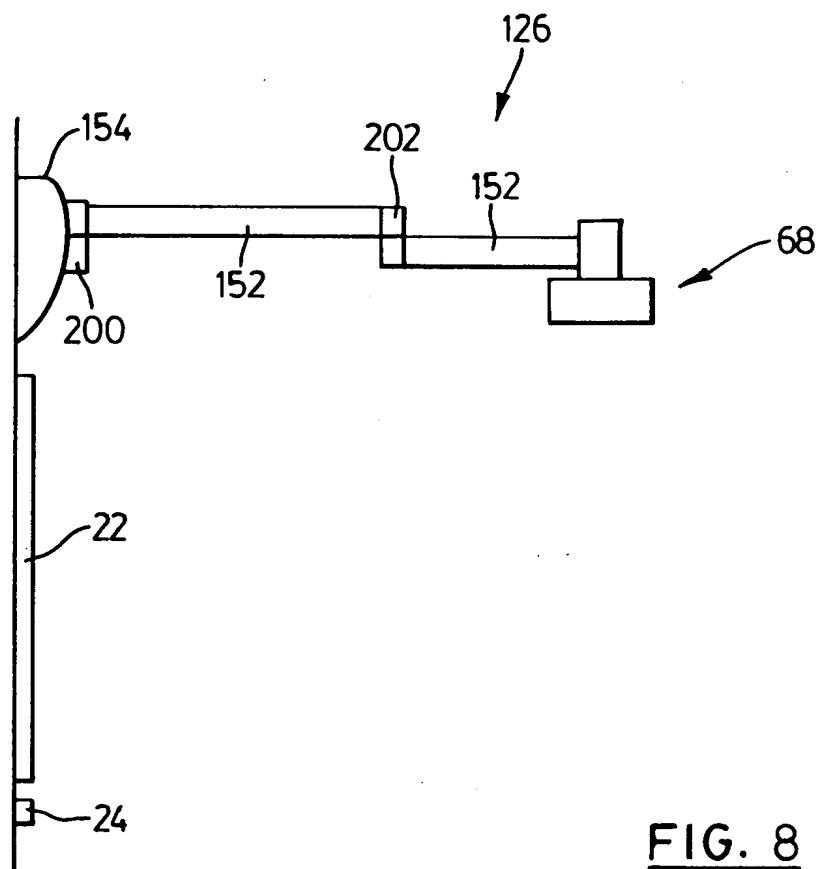


FIG. 8

102001-0229/2360

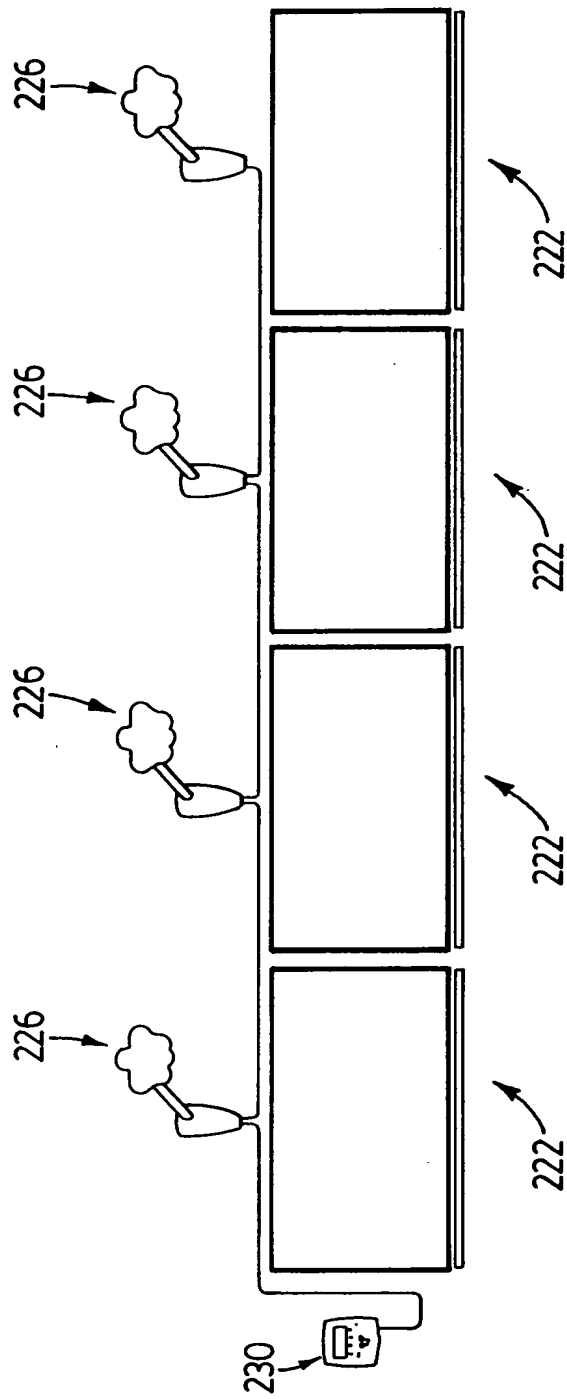


FIG. 9